

Title (en)

THERMAL EXPANSION TYPE REMOVABLE ACRYLIC PRESSURE-SENSITIVE ADHESIVE TAPE OR SHEET

Title (de)

AUF WÄRMEAUSDEHNUNG BASIERENDES ABLÖSBARES ACRYLHAFTKLEBEBAND ODER FOLIE

Title (fr)

RUBAN OU FEUILLE D'ADHÉSIF SENSIBLE À LA PRESSION ACRYLIQUE AMOVIBLE DU TYPE À DILATATION THERMIQUE

Publication

EP 2204426 B1 20140416 (EN)

Application

EP 08841663 A 20081014

Priority

- JP 2008002906 W 20081014
- JP 2007273835 A 20071022
- JP 2008162429 A 20080620

Abstract (en)

[origin: EP2204426A1] Disclosed is a heat-expandable/peelable acrylic pressure-sensitive adhesive tape or sheet which maintains a high adhesion force but the bonded part can be easily separated/debonded regardless of whether the surface of the adherend is uneven. The heat-expandable/peelable acrylic pressure-sensitive adhesive tape or sheet includes a viscoelastic body containing both bubbles and microparticles, and on at least one side thereof, a pressure-sensitive adhesive layer containing a blowing agent. The heat-expandable/peelable acrylic pressure-sensitive adhesive tape or sheet preferably contains bubbles in an amount of 3 to 30 percent by volume based on the total volume of the viscoelastic body. The viscoelastic body containing both bubbles and microparticles is preferably a layer prepared by polymerization of a polymerizable composition containing a vinyl monomer mixture containing at least one alkyl (meth)acrylate whose alkyl moiety having 2 to 18 carbon atoms as a main component, or partially polymerized prepolymer of the monomer mixture; a photoinitiator; microparticles; a multifunctional (meth)acrylate; and bubbles.

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP2452961A1; EP2452990A1; EP3689954A4; EP2551317A1; US2013303646A1; EP2703463A1; EP2614896A1; EP2423285A4; EP2423286A4; US11174331B2; EP2228419A1; EP2228418A1

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EP 2204426 A1 20100707; **EP 2204426 A4 20120926**; **EP 2204426 B1 20140416**; CN 101835863 A 20100915; JP 2009120807 A 20090604; JP 5483835 B2 20140507; US 2010215947 A1 20100826; WO 2009054106 A1 20090430

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